

Claims

1. A knee orthosis (100) with at least one joint (10) which has two rails (12) slewably joined together at a swivel (17), whereby a stopper (14) is provided for on at least one rail (12), stopper which limits a maximal extension movement of the joint (10), characterized in
that at least one of the rails (12) constituting the joint (10) has at least one slit (16), adjacent to the stopper (14), with an open side (18) and opposite slit walls (20), which is arranged in such a way that a striking of the rails (12) the one against the other at a maximal predetermined extended position moves the slit walls (20) the one towards the other by elastically deforming a material of the rail (12).
2. A knee orthosis (100) according to claim 1, characterized in
that the length and the width of the slit (16) are dimensioned such that the slit walls (20) striking the one against the other stop a compressing of the slit (16), before a plastic deformation of the material of the rail (12) takes place.
3. A knee orthosis (100) according to claim 1 or 2, characterized in
that the material of the rails (12) is titanium or steel.